# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)
Sheet 1 of 4

Complete	
Application Number:	10/572,582
Filing Date:	July 13, 2007
First Named Inventor:	Bellur S. Prabhakar
Group Art Unit:	1636
Confirmation Number:	2864
Examiner Name:	Hibbert, Catherine S.
Attorney Docket Number:	21726-103049

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Docum Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate

				FORE	IGN PATENT DOCUMENTS			
		F	oreign Patent Documen	1				slation
Examiner Initials	Doc.	Office	Application or Patent Number	Kind Code	Name of Patentoe or Applicant	Date of Publication	Yes	No**
Illiuais	A G	wo	2005/037303	A1	Board of Trustees of the University of the University of Illinois	Apr. 28, 2005		

		OTHER - NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,	Trans	slation
Examiner Initials	Doc. No.	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**
C.H./	АН	Antignani et al., "How do Bax and Bak lead to permeabilization of the outer mitochondrial membrane?," Current Opinion in Cell Biology, 18: 685-689 (2006).		
/C.H./	ΑI	Barber et al., "Membrane Translocation of P-Rex1 is Mediated by G Protein Betagamma Subunits and Phospholnositide 3-Kinase," <i>The Journal of Biological Chemistry</i> , 282 (41): 100627-20078 (2007)		
C.H./	AJ	Bhaskar et al., "The Two TORCS and Akt," Developmental Cell, 12: 487-502 (2007).		_
/C.H./	AK	Brinkman et al., "Engagement of Tumor Necrosis Factor (TNF) Receptor 1 Leads to A1F-z- and p38 Mitogen-activated Protein Kinase-dependent TNF-alpha Gene Expression"," The Journal of Biological Chemistry 274 (43): 30882-30886 (1999).		
/C.H./	ΑL	Brown et al., "MADD is highly homologous to a Rab3 guanine-nucleotide exchange protein (Rab3-GEP)." Curr. Biol. 8 (6): R191 (1998).		
/C.H./	AM	Brunet et al., "Akt Promotes Cell Survival by Phosphorylating and Inhibiting a Forkhead		
/C.H./	AN	Chow et al., "DENN, a novel human gene differentially expressed in normal and neoplastic cells." DNA Sequence - The Journal of Sequencing and Mapping, 6: 263-273 (1996).		
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/C.H./	AP	Cuevas et al., "Role of mitogen-activated protein kinase kinase kinases in signal integration." Oncogene, 26: 3159-3171 (2007).		
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/C.H./	AR	De Cesare et al., "Rsk-2 activity is necessary for epidermal growth factor-induced phosphorylation of CREB protein and transcription of c-fos gene," <i>Proc. Natl. Acad. Sci.</i> , pp. 13207, (198).		
/C.H./	AS	95: 12202-12207 (1996).  Del Viller et al., 'Down Regulation of DENN/MADD, a TNF receptor binding protein, correlates with neuronal cell death in Alzheimer's disease brain and hippocampal neurons,' PNAS, 101 (12): 4210-4215 (2004).		

EXAMINER /Catherine Hibbert/	DATE CONSIDERED	02/27/2010

<sup>\*</sup>A concise statement of relevance is being submitted in lieu of a translation, 37 CFR 1.98(a)(3).

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Examiner Initials	Doc. No.	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), published,	Yes	No**
C.H./	ΑТ	Dhillon et al., "MAP kinase signaling pathways in cancer," Oncogene, 26: 3279-3290 (2007).		
/C.H./	ΑU	Dohi et al., "Comparmentalized Phosphorylation of IAP by Protein Kinase A Regulates Cytoprotection," <i>Molecular Cell</i> , 27: 17-28 (2007).		
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/C.H./	AW	Efimova et al., "IG20, a MADD Splice Variant, Increases Cell Susceptibility to gamma-Irradiation and Induces Soluble Mediators That Suppress Tumor Cell Growth," Cancer Research, 63: 8768-8776 (2003).		
/C.H./	AX	Garcia-Blanco et al., "Alternative splicing in disease and therapy," Nature Biotechnology, 22 (5): 535-546 (2004).	<u> </u>	<u> </u>
/C.H./	AY	22 (5): 535-546 (2004). Gardai et al., "Phosphorylation of Bax Ser184 by Akt Regulates Its Activity and Apoptosis in Neutrophilis," The Journal of Biological Chemistry, 279 (20): 21085-21095 (2004).	L	_
/C.H./	ΑZ	Goto et al., "A Novel Human Insulinoma-associated cDNA, IA-1, Encodes a Protein with "Zinc-finger" DNA-binding Molifs," The Journal of Biological Chemistry, 267 (21): 15252-15257 (1992).		
/C.H./	ВА	Herdegen et al., "Inducible and constitutive transcription factors in the mammalian nervous system: control of gene expression by Jun, Fos and Krox, and CREB/ATF proteins," <i>Brain Research Reviews</i> , 28: 370-490 (1998)	<u>.</u>	
/C.H./	ВВ	Iwasaki et al., "The Rab3 GDP/GTP exchange factor homolog AEX-3 has a dual function in		_
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Examiner Initials	Doc. No.	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, only	Yes	No*+
/C.H./	BJ	Lim et al., "Induction of Marked Apoptosis in Mammalian Cancer Cell Lines by Antisense DNA Treatment to Abolish Expression of DENN (Differently Expressed in Normal and Neoplastic Cells)," Molecular Carcinogenesis, 35: 110-126 (2002).		
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/C H/	ВМ	LoPiccolo et al., "Targeting Akt in cancer therapy," Anti-Cancer Drugs, 18: 861-874 (2007).	$\vdash$	$\vdash$
/C.H./	BN	Manning et al., "AKT/PKB Signaling: Navigating Downstream," Cell, 129: 1261-1274 (2007).		_
/C.H./	во	Mayo et al., "A phosphatidylinositol 3-kinase/Akt pathway promotes translocation of Mdm2 from the cytoplasm to the nucleus," <i>PNAS</i> , 98 (20): 11598-11603 (2001).		_
/C.H./	ВР	Micheau et al., "Induction of TNF Receptor I-Mediated Apoptosis via Two Sequential Signaling Complexes," Cell, 114: 181-190 (2003).		
/C.H./	BQ	Mulherkar et al., "MADD/DENN splice variant of the IG20 gene is necessary and sufficient for cancer cell survival," Oncogene, 25: 6252-6261 (2006).	_	
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/C.H./	ВU	Ottmann et al., "Phosphorylation-independent interaction between 14-3-3 and endoenzyme S: from structure to pathogenesis," <i>The EMBO Journal</i> , 26: 902-913 (2007).		
/C.H./	BV	Pan et al., "The Receptor for the Cytotoxic Ligand TRAIL," Science, 276: 111-113 (1997).	-	$\vdash$
/C.H./	ВW	Ramaswamy et al., "IG20 (MADD splice variant-5), a proapoptotic protein, interacts with DR4/DR5 and enhances TRAIL-induced apoptosis by increasing recruitment of FADD and cassass-8 to the DISC." Oncogene, 23: 6083-6094 (2004).		
7C.H./	ВХ	Shumueli et al. "Mdm2: p53's Lifesaver?." Molecular Cell, 25: 794-795 (2007).	_	₩
/C.H./	BY	Susin et al., "Molecular characterization of mitochondrial apoptosis-inducing factor,		_
/C.H./	BZ	Tanaka et al., "Role of Rab3 GDP/GTP Exchange Protein in Synaptic Vesicle Trafficking at the Mouse Neuropuscular Junction." Molecular Biology of the Cell, 12: 1421-1430 (2001).		L
/C.H./	CA	Telliez et al., "LRDD, a novel leucine rich repeat and death domain containing protein,"  Ricchimics et Biophysica Acts. 1478: 280-288 (2000).	<u> </u>	
/C.H./	СВ	Thornberry et al., "Caspases: Enemies Within," Science, 281: 1312-1316 (1998).		

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/C.H./	CC	Tsuruta et al., "JNK promotes Bax translocation to mitochondria through phosphorylation of 14-3-3 proteins," The EMBO Journal, 23 (8): 1889-1899 (2004).		
/C.H./	CD	Venables, "Aberrant and Alternative Splicing in Cancer," Cancer Research, 64: 7647-7654 (2004).		
/C.H./	CE	Verhagen et al., "Identification of DIABLO, a Mammalian Protein that Promotes Apoptosis by Binding to and Antagonizing IAP Proteins," <i>Cell.</i> , 102: 43-53 (2000).		
/C.H./	CF	Wada et al., "Isolation and Characterization of a GDP/GTP Exchange Protein Specific for the Rab3 Subfamily Small G Proteins," <i>The Journal of Biological Chemistry</i> , 272 (7): 3875-3878 (1997).		
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/C.H./	СІ	Yamaguchi et al., "A GDP/GTP exchange protein for the Rab3 small G protein family up-regulates a postdocking step of synaptic exocytosis in central synapses," <i>PNAS</i> , 99 (20) 44536-4454 (2002)		
/C.H./	Cl	Zha et al., "Serine Phosphorylation of Death Agonist BAD in Response to Survival Factor Results in Binding to 14-3-3 Not BCX-XL." Cell. 87: 619-628 (1996).		
/C.H./	СК	Zhai et al., "Identification of a Novel Interaction of 14-3-3 with 190RhoGEF," The Journal of Biological Chemistry, 276 (44): 41318-41324 (2001).		
/C.H./	CL	Zhang et al., "Mechanisms of resistance to TRAIL-induced apoptosis in cancer," Cancer Gene Therapy, 12: 228-237 (2005).		
/C.H./	СМ	Zhou et al., "HER-2/neu induces p53 ubiquitination via Akt-mediated MDM2 phosphorylation." Nature Cell Biology, 3: 973-982 (2001).		
7C.H./	CN	Copy of International Search Report issued in PCT/US2004/030986 (2005).	⊢	<u> </u>
7C.H./	co	Copy of International Search Report issued in PCT/US2007/060712 (2007).	Щ	

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